

Appl. No. 10/708,061
Amdt. dated April 29, 2005
Reply to Office action of February 07, 2005

REMARKS/ARGUMENTS

Examiner:

5 Claims 1-13 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the enablement requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to enable one skilled in the art to which it pertains, or with which it is most nearly connected, to make and/or use the invention. It is not understood what makes the pattern change.

Response:

10 The projector of the present application includes a beam splitter for splitting a beam generated by the light source into a visible beam and an invisible beam. An image-forming device modulates the invisible beam to form a second image that comprises a pattern. A prism is used to recombine the visible and modulated invisible light beams and project them onto the screen.

15 In short, the pattern does not change. Instead, the present application also includes a moveable image-capturing device that captures the projected pattern. When the image-capturing device is moved by the user, the angle and/or distance between the image-capturing device and the pattern changes, causing the captured image to also change accordingly. This is supported in the filed specification by
20 Paragraph [0026], which says "For instance, a user moves the image-capturing device 14 to control the movement of the cursor so that the image-capturing device 14 captures different patterns at the first time T1 and the second time T2." No known prior art functions in this manner.

25 To remove any possible ambiguity concerning functionality in the claims, claim 1 has been slightly amended to include the limitation that the image-capturing device is moveable. No new material has been introduced. The Applicant respectfully requests reconsideration and allowance of claims 1-13.

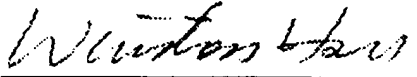
 Additionally, the Applicant requests consideration and allowance of new claims

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14-18. Claims 14-18 are approximate method representations of the device claims
1-13 and merely describe the functionality of the system. No new material has been
introduced.

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Respectfully submitted,



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is 12 hours behind the Taiwan time, i.e. 9 AM in D.C. = 9 PM in Taiwan).